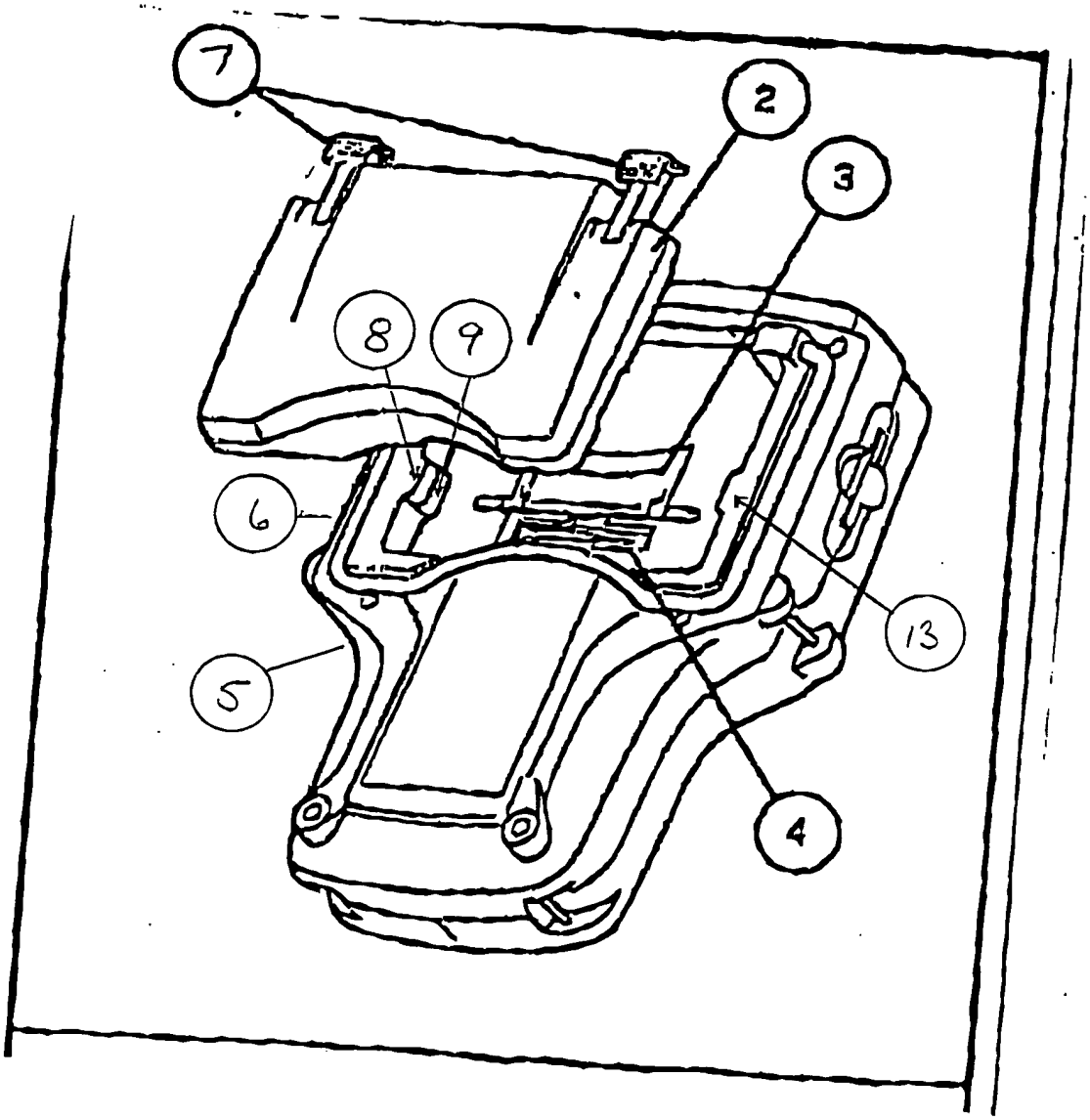
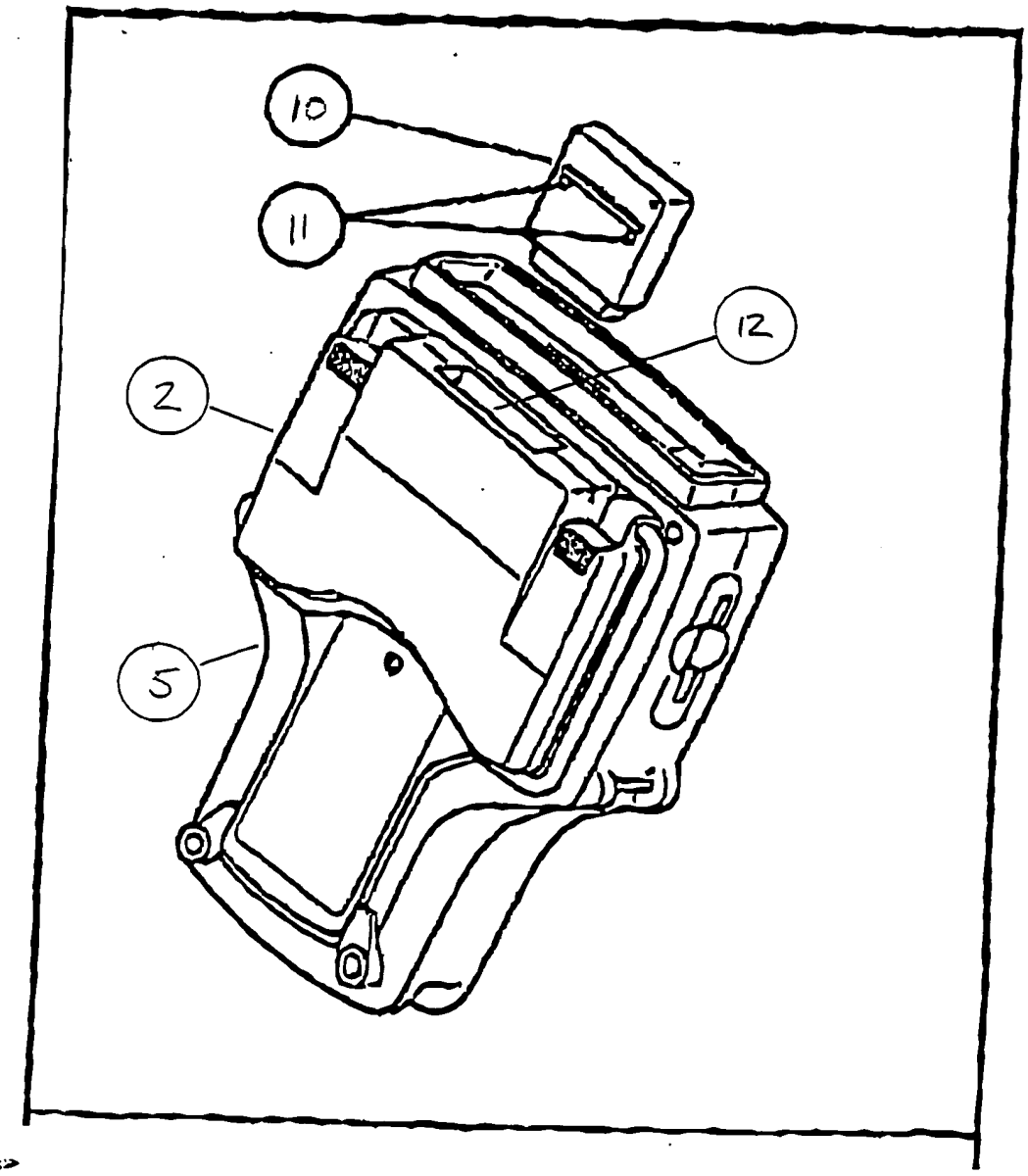
FIG. 1



09504.0052.CON.0

FIG.2



09/690,269

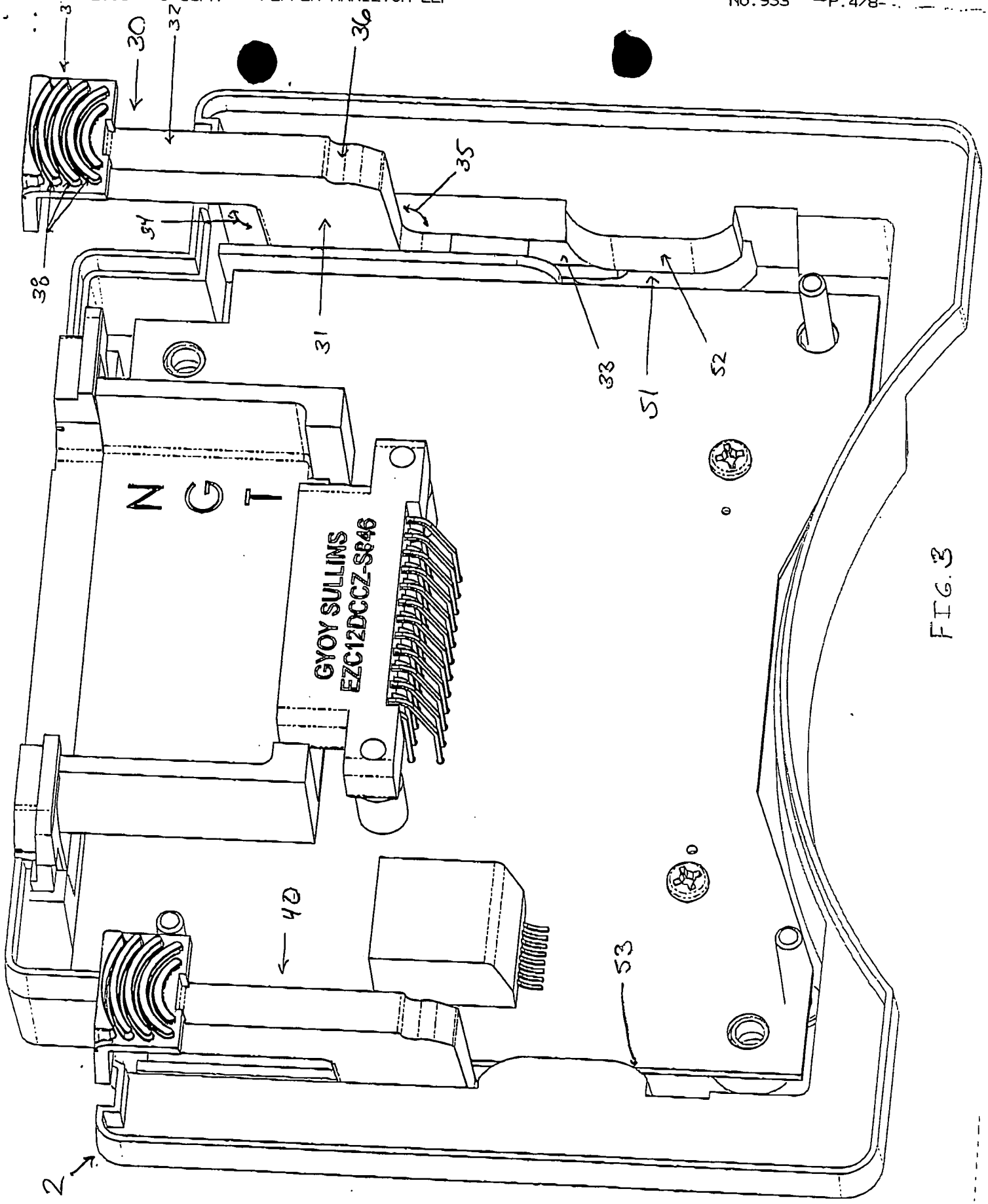


FIG. 3

FIG. 4

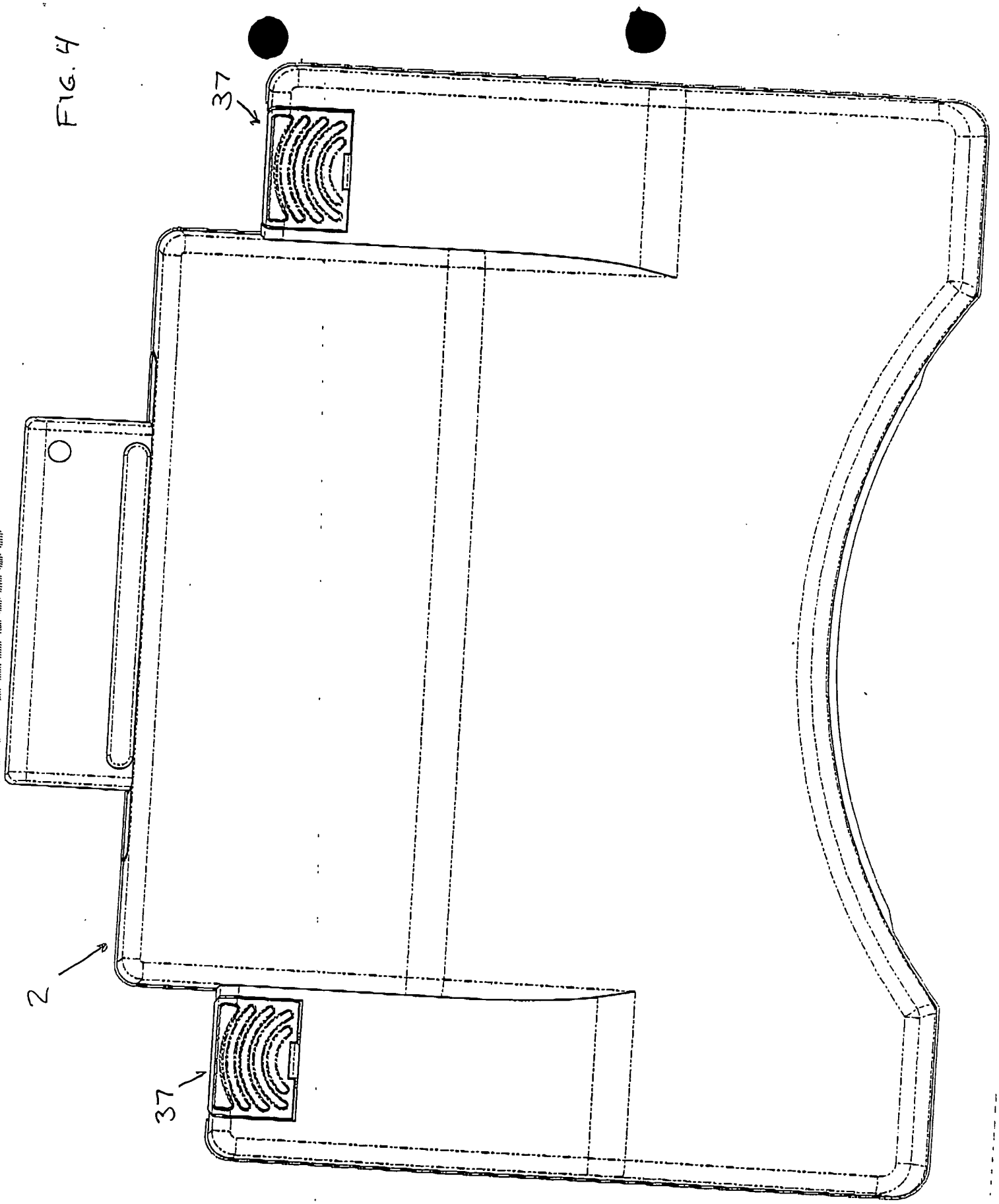
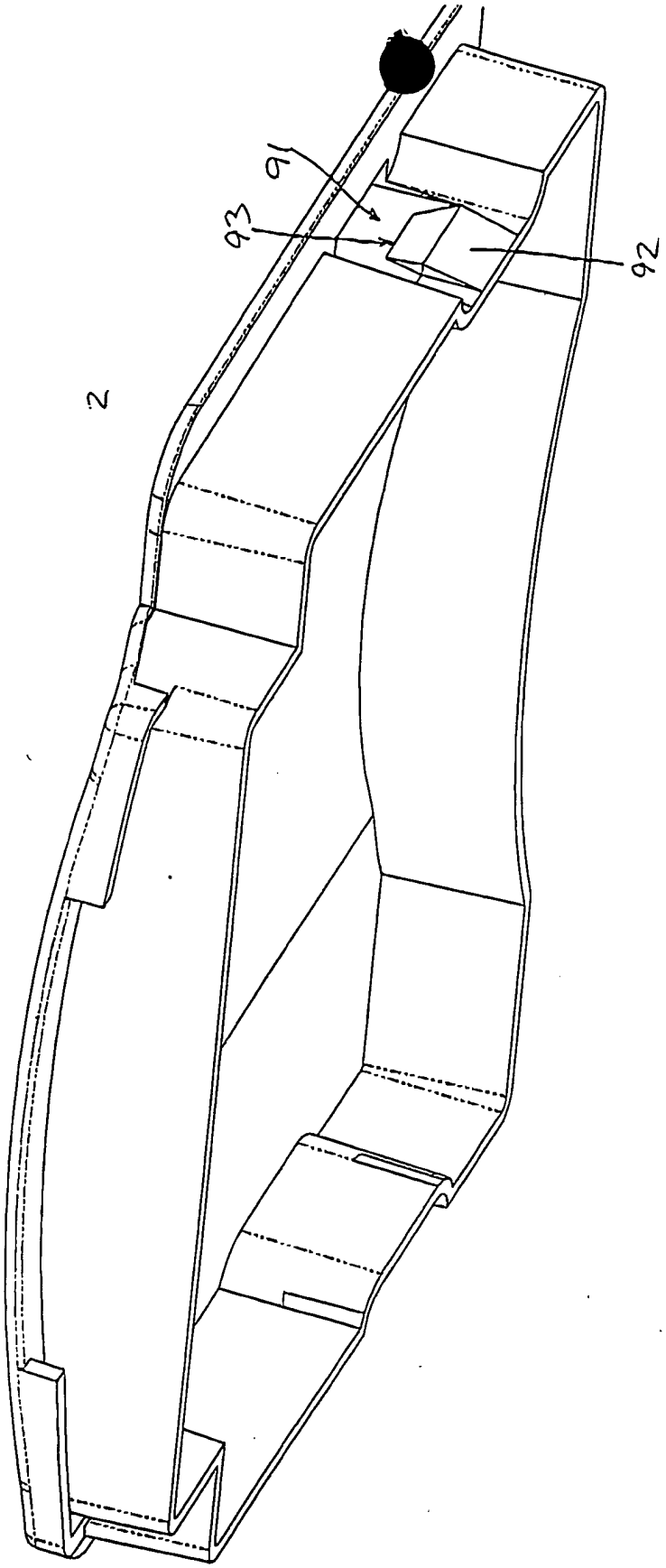
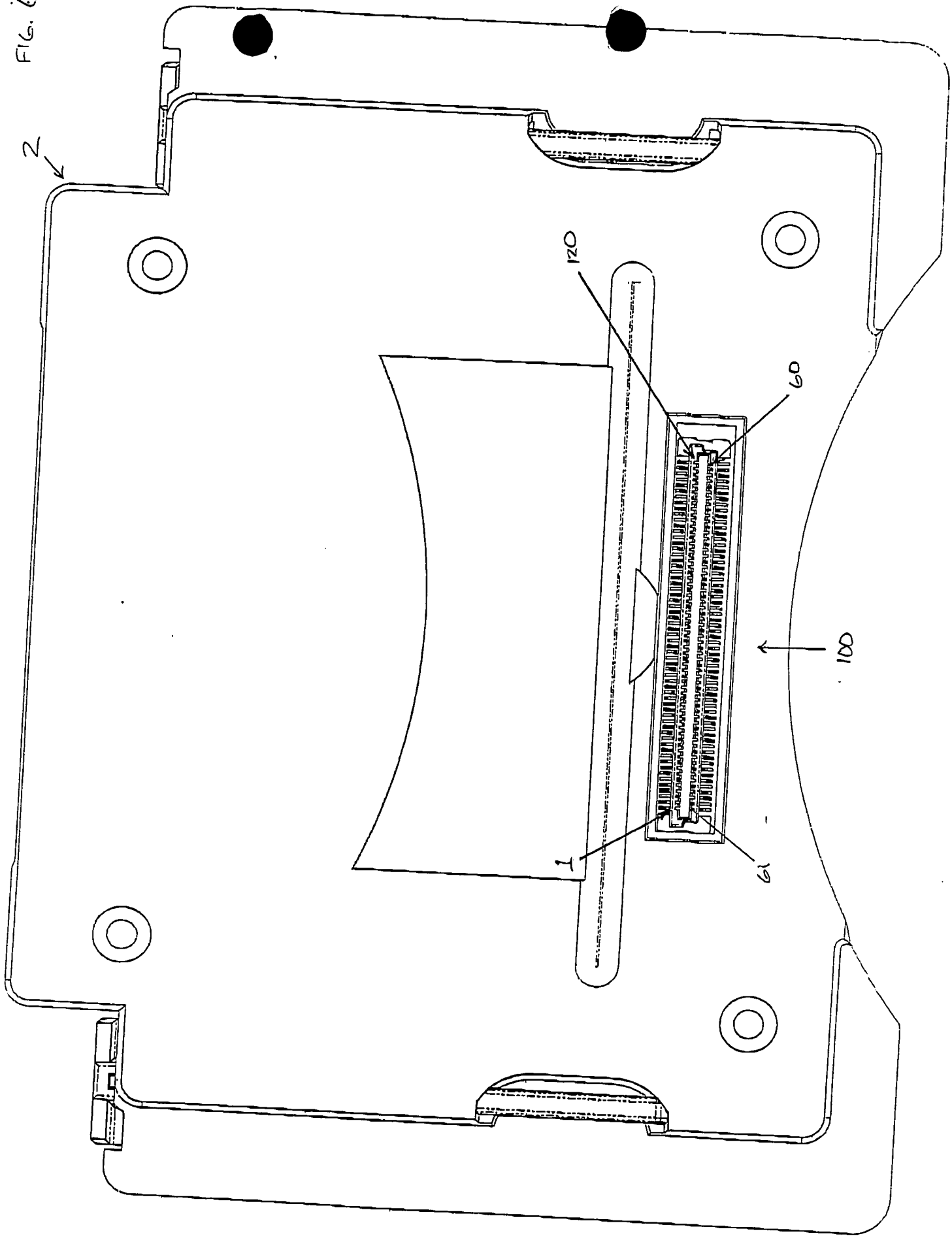


FIG. 5



09505269.060

FIG. 6



09/703,850

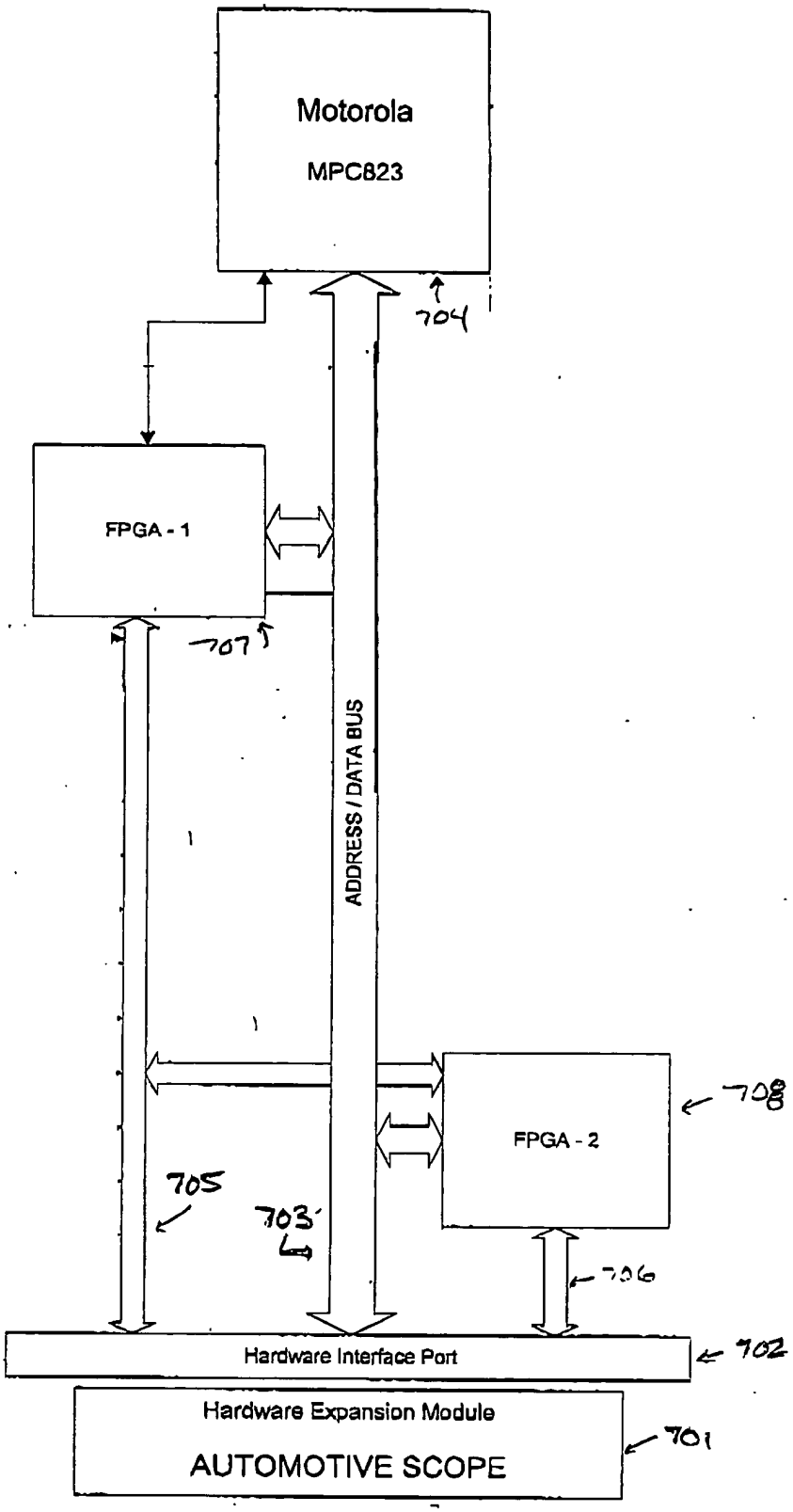

Motorola
MPC823
704
FPGA - 1
707
ADDRESS / DATA BUS
FPGA - 2
708
705
703
706
Hardware Interface Port
702
Hardware Expansion Module
AUTOMOTIVE SCOPE
701

FIG. 7